



Features

- Single Turn / Cermet / Industrial / Sealed
- Available on tape and reel
- Available with a knob for finger adjust
- Available with extended shaft
- Available with cross-slot rotor
- Top and side adjust types (F, P, H, W, X most popular)

- RoHS compliant* version available
- For trimmer applications/processing guidelines, [click here](#)

3386 - 3/8" Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range	10 ohms to 2 megohms
(see standard resistance table)	
Resistance Tolerance	±10 % std.
(tighter tolerance available)	
Absolute Minimum Resistance	2 ohms max.
Contact Resistance Variation	2 % or 3 ohms max.
(whichever is greater)	
Adjustability	
Voltage	±0.05 %
Resistance	±0.15 %
Resolution	Infinite
Insulation Resistance	500 vdc.
1,000 megohms min.	
Dielectric Strength	
Sea Level	900 vac
70,000 Feet	350 vac
Adjustment Angle	280 ° nom.

Environmental Characteristics

Power Rating (300 volts max.)	
85 °C	0.5 watt
125 °C	0 watt
Temperature Range	-55 °C to +125 °C
Temperature Coefficient	±100 ppm/°C
Seal Test	85 °C Fluorinert†
Humidity	MIL-STD-202 Method 103
96 hours	
(2 % ΔTR, 10 Megohms min.)	
Vibration	30 G (1 % ΔTR; 1 % ΔVR)
Shock	100 G (1 % ΔTR; 1 % ΔVR)
Load Life	1,000 hours 0.5 watt @ 70 °C
(3 % ΔTR; 1 % or 1 ohm,	
whichever is greater, CRV)	
Rotational Life	200 cycles
(4 % ΔTR; 1 % or 1 ohm,	
whichever is greater, CRV)	

Physical Characteristics

Mechanical Angle	310 ° nom.
Torque	5.0 oz-in. max.
Stop Strength	15.0 oz-in. min.
Terminals	Solderable pins
Weight	0.03 oz.
Marking	Manufacturer's
trademark, resistance code,	
wiring diagram, date code,	
manufacturer's model	
number and style	
Flammability	U.L. 94V-0
Standard Packaging	50 pcs. per tube
Wiper	50 % (Actual TR) ±10 %
Adjustment Tool	H-90

Product Dimensions

Common Dimensions Side Adjust Models B,C,J,X



Common Dimensions Side Adjust Models H,S,W



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205

Popular distribution resistance values listed in boldface. Special resistances available.

How To Order

3386 P - 1 - 103 T	LF
Model	
Style	
Standard or Modified	
Product Indicator	
-1 = Standard Product	
-EY5 = Extended Shaft	
Resistance Code	
Optional Suffix Letter	
T = Knob**	
Packaging Designator	
Blank = Tube (Standard)	
R = Tape & Reel (W and U Pin Styles Only)	
A = Ammo Pack (W and U Pin Styles Only)	
Terminations	
LF = 100 % Tin-plated (RoHS compliant)	
Blank = 90 % Tin / 10 % Lead-plated (Standard)	

**Knob option is available only in standard tube packaging.
Consult factory for other available options.

*RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.
†"Fluorinert" is a registered trademark of 3M Co.

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.

3386 - 3/8" Square Trimpot® Trimming Potentiometer

BOURNS®

Product Dimensions

Common Dimensions Top Adjust Models F,G,K,P,R,U,V,Y



3386F



3386G



3386K



3386P



3386R



3386U



3386V



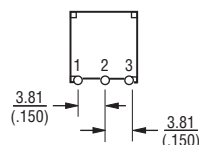
3386Y



Common Dimensions Top Adjust Models M,T



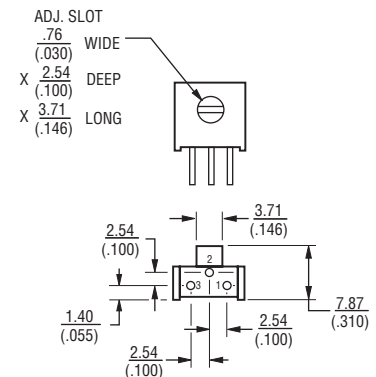
3386M



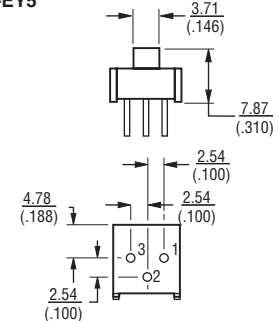
3386T



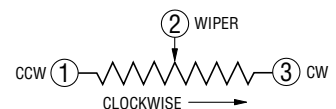
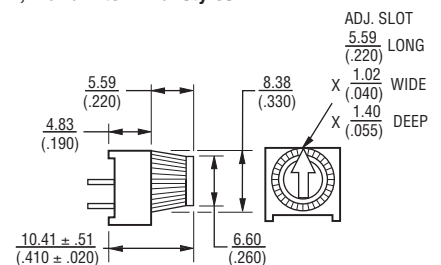
3386H-EY5 3386X-EY5 – SHOWN



3386P-EY5



The Model 3386 is available with a knob for finger adjustment. Add suffix letter "T" to order code for F, P and X terminal styles.



DIMENSIONS: MM (INCHES)
TOLERANCES: ± 0.25 (0.010) EXCEPT WHERE NOTED

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

3386 - 3/8 " Square Trimpot® Trimming Potentiometer

BOURNS®

Packaging Specifications

SIDE ADJUST 3386W-1



TOP ADJUST 3386U-1



Meets EIA Specification 468.

DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

REV. 10/11

"Trimpot" is a registered trademark of Bourns, Inc.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9